

AMENDMENTS TO THE CLAIMS

1. (currently amended) In a data processing system having a central processing unit, memory, at least one user output device, and a user input device, a method for retrieving and presenting stored documents on a plurality of output devices each requiring different presentation parameters, comprising the steps of:

parsing a document into one or more objects;

parsing each object into one or more units;

~~storing said units according to processing requirements of each said unit;~~

classifying a plurality of presentation devices;

~~for each unit, comparing an amount of data processing required to convert said unit to device-dependent format to a predetermined level of data processing;~~

storing said units, requiring less than a predetermined level of data processing to convert to device-dependent format, in device-independent format;

storing said units, requiring more than said predetermined level of data processing to convert to device-dependent format, in device-dependent format based on the classified plurality of presentation devices;

receiving a request from a presentation device of the plurality of presentation devices;

assembling said document from said stored units; and

sending said assembled document to said presentation device.

2. (previously amended) The method of claim 1, wherein parsing each object into one or more units, further comprises:

determining type of each said unit.

3. (canceled)

4. (previously amended) The method of claim 1, wherein classifying said connected presentation devices, further comprise:

determining acceptable document formats for said connected presentation devices; and
classifying said devices according to device-dependent characteristics.

5. (previously amended) The method of claim 1, wherein receiving a request from said peripheral presentation device for said target document, further comprises:
determining whether said device is known or unknown.

6. (currently amended) In a data processing system having a central processing unit, memory, at least one user output device, and a user input device, a system for retrieving and presenting stored documents on a plurality of output devices each requiring different presentation parameters, comprising:
logic means for parsing a document into one or more objects;
means for parsing each object into one or more units;
~~storage means for storing said units according to processing requirements of each said unit;~~
discrimination means for classifying a plurality of presentation devices;
for each unit, comparing an amount of data processing required to convert said unit to device-dependent format to a predetermined level of data processing;
means for storing said units, requiring less than a than said predetermined level of data processing to convert to device-dependent format, in device-independent format;
means for storing said units, requiring more than said predetermined level of data processing to convert to device-dependent format, in device-dependent format;
receiving means for receiving a request from a presentation device of the plurality of presentation devices;
logic means for assembling said document from said stored units; and
transmitting means for sending said assembled document to said presentation device.

7. (previously amended) The system of claim 6, wherein logic means for parsing each object into one or more units, further comprises:
comparison means for determining a type of each said unit.

8. (cancelled)

9. (previously amended) The system of claim 6, wherein discrimination means for classifying said connected presentation devices, further comprise:

comparison means for determining acceptable document formats for said connected presentation devices; and

classification means for classifying said devices according to device-dependent characteristics.

10. (previously amended) The system of claim 6, wherein receiving means for receiving a request from said peripheral presentation device for said target document, further comprises:

means for determining whether said device is known or unknown.

11. (currently amended) In a data processing system having a central processing unit, memory, at least one user output device, and a user input device, a computer program product within a computer readable medium having instructions for retrieving and presenting stored documents on a plurality of output devices each requiring different presentation parameters, comprising the steps of:

instructions within said computer program product for parsing a document into one or more objects; and

instructions within said computer program product for parsing each object into one or more units;

~~instructions within said computer program product for storing said units according to processing requirements of each said unit;~~

instructions within said computer program product for classifying a plurality of presentation devices;

for each unit, instructions for comparing an amount of data processing required to convert said unit to device-dependent format to a predetermined level of data processing;

instructions within said computer program product for storing said units, requiring less than a than said predetermined level of data processing to convert to device-dependent format, in device-independent format;

instructions within said computer program product for storing said units, requiring more than said predetermined level of data processing to convert to device-dependent format, in device-dependent format;

instructions within said computer program product for receiving a request from a said presentation device of the plurality of presentation devices;

instructions within said computer program product for assembling said document from said stored units; and

instructions within said computer program product for sending said assembled document to said presentation device.

12. (previously amended) The computer program product of claim 11, wherein instructions for parsing each object into one or more units, further comprises:

instructions within said computer program product for determining a type of each said unit.

13. (canceled)

14. (original) The computer program product of claim 11, wherein instructions for classifying said connected presentation devices, further comprises:

instructions within said computer program product for determining acceptable document formats for said connected presentation devices; and

instructions within said computer program product for classifying said devices according to device-dependent characteristics.

15. (original) The computer program product of claim 11, wherein instructions for receiving a request from said connected presentation device for said target document, further comprises:

instructions within said computer program product for determining whether said peripheral device is known or unknown.